

DERWENT-ACC-NO: 2006-415430

DERWENT-WEEK: 200643

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TITLE: Split blade type rotary motor

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PRIORITY-DATA: 2004CN-A049760 (June 28, 2004)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>CN 1715617 A</u>	January 4, 2006	N/A	000	F01C 001/00

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
CN 1715617A	N/A	2004CN-1004976	June 28, 2004

INT-CL F01C001/00, F01C001/344 , F02B053/00 , F02B053/02 ,
(IPC): F02B053/04

ABSTRACTED-PUB-NO: CN 1715617A

BASIC-ABSTRACT:

NOVELTY - The split blade type rotary motor belongs to internal combustion engine type energy converting apparatus. It has blade splitting wheel with blade splitting slide rod to split blades so as to separate the space inside circular cylinder into several cavities of different volumes. By means of the volume expansion of burning inflammable gas, the inflammable gas is ignited in the cavity with relatively small volume to produce different pressures on the two blades inside the cavity and the blades drive the blade splitting wheel to rotate toward the cavity with great volume to complete the work doing cycle. It realizes gas intake and gas exhaust through driving the wheels in the gas intake port and the gas exhaust port.

The present invention has the features of small volume, light weight, high utilization rate, less pollutant exhaust, smooth running, etc.

CHOSEN-DRAWING: Dwg.1/1

TITLE-TERMS: SPLIT BLADE TYPE ROTATING MOTOR

DERWENT-CLASS: Q51

SECONDARY-ACC-NO: .

Non-CPI Secondary Accession Numbers: N2006-343895

